

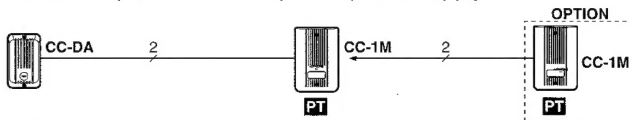
Chime Com 2 CHIME INTERCOM

Model; **CCS-1A** Set

INSTALLATION & OPERATION MANUAL

1 SYSTEM OUTLINE & COMPONENTS

CCS-1A "Chime Com 2" is a set with a door station & an inside room station, powered by an AC transformer. Another inside station is optional with a separate power supply.



■ Components available

CCS-1A: Set of **CC-DA** door station & **CC-1M** inside room station.

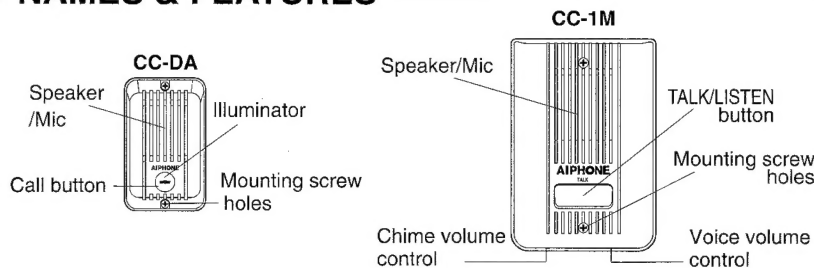
CC-1M: Second room station.

PT-1210N: Power supply (1 or 2 pcs)

■ Package Contents

- Chime Com 2 (set) (**CC-1M** & **CC-DA**)
- Packet of screws
- Installation & Operation manual

2 NAMES & FEATURES



■ Features

- Press-to-talk door answering with auto shut off timer
- 2-tone electronic chime call-in
- Second inside room station. (Separate power supply required)
- Backlit CALL button
- CHIME and VOICE volume controls

3 INSTALLATION & WIRING

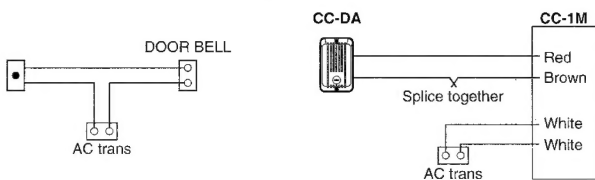
■ When replacing an existing doorbell:

Check to see how the existing doorbell is wired.

Method 1:

If there are only two matching colored wires located at the existing inside bell, the AC transformer was likely wired in series with the bell and button. If so, take the wires off of the AC transformer and splice them together, making a continuous wire to the bell. Two additional wires must be run from the transformer to the location where the CC-1M room station will be installed. The two wires from the doorbell button must be connected to the RED/BROWN wires of the CC-1M, with NO AC voltage on the wires. Two wires from the AC transformer connect to the WHITE wires of the CC-1M room station. Remove the doorbell button outside and reconnect the two wires to the RED/BROWN wires on the CC-DA. Mount CC-DA to wall.

DIAGRAMS: Existing Doorbell, method 1



■ When replacing an existing doorbell:

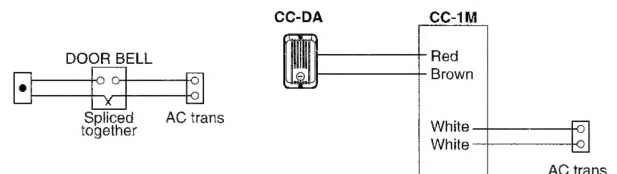
Method 2:

If there are two matching colored wires connected to the bell, and two(or more) additional matching colored wires spliced together but not connected to the bell, then there are likely enough wires to connect the Chime Com 2 without running new wire.

1. Take wires off of bell, and separate the wires that are spliced together.
2. Locate the bell transformer presently installed, replace it with PT-1210N. If the bell transformer is rated 12V AC, 125mA or more, it can be used for CCS-1A, though Aiphone is not responsible for any damage caused by lightning surge. The pair from the PT-1210N will be connected to the WHITE wires on the CC-1M. Connect the other pair of wires (which go to the door) to the RED/BROWN wires on the CC-1M.
3. Outside, remove the doorbell button, and connect the two wires to the CC-DA door station, then mount on the wall.

NOTE: When the inside room station is to be installed in a different location, splice wires from the existing doorbell location and run new wire to the desired location for the new room station. Either leave the existing doorbell on the wall but disconnected, or remove it and patch the wall as needed.

Existing Doorbell, method 2 or New Installation:



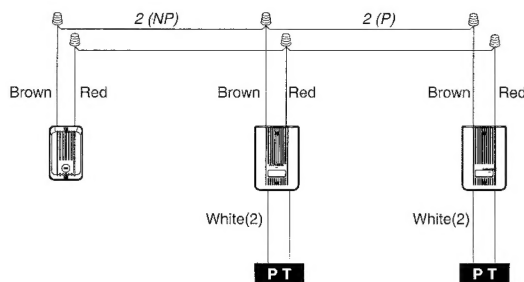
■ Second room station

Another CC-1M station can be added to the system. It requires a separate power supply, and is to be wired (polarized) from the first inside station (not the door).

■ Power supply

Use an AC transformer (PT-1210N in USA) specified or rated 12V AC, 10VA. Locate the power supply within 65'(20m) from CC-1M w/22AWG (0.65mmø) wires.

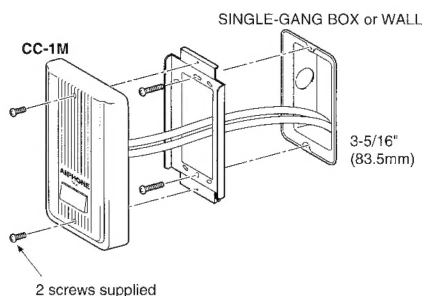
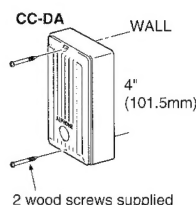
■ WIRING DIAGRAM



PT : AC transformer. PT-1210N in USA.

4 MOUNTING

CC-DA mounts on surface of wall with 2 screws.

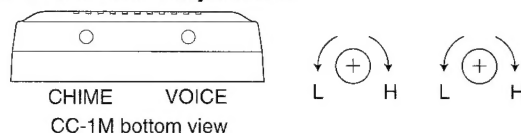


1. Attach the mounting bracket to box or wall.
2. Mount the CC-1M station on the bracket.

5 OPERATIONS

At CC-DA door, press CALL button (backlit) once. A muted chime will be heard at the door. At CC-1M room station(s), 2-tone chime sounds. Press TALK button to transmit, and release to listen. The system automatically turns off in 15 seconds after last time the TALK button is pressed.

• Chime & voice volume adjustments:



6 TECHNICAL PRECAUTIONS

- CCS-1A components are not compatible with C-123L/A units.
- In 2-CC-1M system;
 1. There is no calling between CC-1M stations.
 2. If both CC-1M's press the TALK button (meaning both masters are on), a squeal will be heard when either CC-1M presses the TALK button. Wait until system turns itself off before using.
- To prevent acoustic feedback;

Do not mount a door station & a room station back to back on a common wall. For conduit wiring, stuff it with sponge, etc.
- CC-DA is weather resistant. If possible and for best results, install the door station in an area not directly exposed to weather.
- Do not apply caulking or sealant around door station, so the openings allow moisture to dissipate.
- Do not put direct pressure water on CC-DA door station.
- Clean CC-1M unit with a soft cloth dampened with neutral household cleanser. Never use any abrasive cleaner or cloth.

7 SPECIFICATIONS (CC-1M)

- **Power source:** 12V AC, 125mA.
- **Power supply:** AC transformer PT-1210N in USA (specified).
- **Communication:** 2-tone chime call-in.

Press "TALK" button on room station to talk, release to listen. Hands free at door. 15 sec. time out after last time TALK button released.

CHIME vol. VOICE vol.
- **Controls:**
- **Wiring:**

2 parallel wires, non-polarized to door.

2 wires to another room, polarized. 2 wires to PT-1210N (from ea. CC-1M)
- **Distance:**

	22AWG	18AWG	0.65mmø	1.0mmø
CC-DA to CC-1M (or 2nd)	245'	590'	75m	180m
CC-1M to PT-1210N	65'	145'	20m	45m

• Dimensions & weight:

CC-1M: 7"H x 4-3/4"W x 1-5/16"D. 180H x 123W x 33D (mm). 400g (0.88lbs.).
CC-DA: 4-1/2"H x 2-3/4"W x 1-3/16"D. 114H x 70W x 30D (mm). 150g (0.33lbs.).

WARRANTY

Aiphone warrants its products to be free from defects of material and workmanship under normal use and service for a period of one year after delivery to the ultimate user and will repair free of charge or replace at no charge, should it become defective upon which examination shall disclose to be defective and under warranty. Aiphone reserves unto itself the sole right to make the final decision whether there is a defect in materials and/or workmanship; and whether or not the product is within the warranty.

This warranty shall not apply to any Aiphone product which has been subject to misuse, neglect, accident, or to use in violation of instructions furnished, nor extended to units which have been repaired or altered outside of the factory. This warranty does not cover batteries or damage caused by batteries used in connection with the product.

This warranty covers bench repairs only, and any repairs must be made at the shop or place designated in writing by Aiphone.

Aiphone will not be responsible for any costs incurred involving on site service calls.